Appl. No. 10/086,177 Amdt. dated Oct. 12, 2006 Reply to Final Office Action of Oct. 12, 2005

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-32. (Cancelled)

33. (new) A CXCR4 agonist wherein the agonist is H-[Ala⁹-Phe¹¹]-SDF-(1-14)-LINKER-cyclo(Lys⁵⁶-Glu⁶⁰)-SDF-(55-67)-NH₂, having the sequence

KPVSLSYRAPFRFF-[LINKER]-LKWIQEYLEKALN-NH₂ (SEQ ID NOS:208)

wherein the LINKER is of the formula G_{1-4} (SEQ ID NO:213) or $(CH_2)_{1-20}$.

34. (new) A pharmaceutical composition of claim 33 of the formula:

KPVSLSYRAPFRFFGGGGLKWIQEYLEKALN-NH₂ (SEQ ID NO:57) in a pharmaceutically acceptable carrier.

35. (new) A composition of the formula:

KPVSLSYRAPFRFFGGGGLKWIQEYLEKALN-NH₂ (SEQ ID NO:132) in a pharmaceutically acceptable carrier.